

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

Claims 1-4. (Canceled)

5. (Currently Amended) A method of effecting handoff of a mobile station from a first base station in a first cellular communications system controlled by a first mobile switching control station to a second base station in a second cellular system controlled by a second mobile switching control station, said first cellular communications system being a CDMA system, and said second cellular system being a GSM system, the method comprising:

measuring at the mobile station a first parameter of a first signal transmitted by said first base station;

measuring at the mobile station a second parameter of a second signal transmitted by said second base station. ~~The method as claimed in claim 1,~~ wherein said first and second parameters correspond to signal strength[.];

communicating a signal quality message from the mobile station via the first base station to said first mobile switching control station, when the first and second parameters reach a predetermined condition;

generating at the first mobile switching control station an Application Data Delivery Service (ADDs) message containing handoff data, the ADDs message being a type of tunneling mechanism which transparently passes within the CDMA system GSM parameters;

communicating the ADDs message from said first mobile switching control station to said mobile station;

generating at the mobile station a Mobile Application Protocol (MAP) message containing the handoff data; and

communicating the MAP message from the mobile station to the second mobile switching control station.

Claims 6-11. (Canceled)

12. (Currently Amended) A mobile station comprising:
a first transceiver chain operable to receive and transmit signals with a first base station
in a first cellular communications system, said first cellular communications system being a
CDMA system;
a second transceiver chain operable to receive and transmit signals with a second base
station in a second cellular communications system, said second cellular communications system
being a GSM system; and
a controller for:
measuring a first parameter of a first signal transmitted by said first base station;
measuring a second parameter of a second signal transmitted by said second base
station, The mobile station as claimed in claim 8, wherein said first and second
parameters correspond to signal strength[.];
communicating a signal quality message from the mobile station via the first base
station to said first cellular communications system, when the first and second parameters
reach a predetermined condition;
receiving from the first base station an Application Data Delivery Service
(ADDS) message containing handoff data, the ADDS message being a type of tunneling
mechanism which transparently passes within the CDMA system GSM parameters;
generating a Mobile Application Protocol (MAP) message containing the handoff
data; and
communicating the MAP message to the second base station.

Claims 13-20. (Canceled)

21. (Currently Amended) An apparatus for effecting handoff of a mobile station from
a first base station in a first cellular communications system controlled by a first mobile
switching control station to a second base station in a second cellular system controlled by a
second mobile switching control station, said first cellular communications system being a
CDMA system, and said second cellular system being a GSM system, the method comprising:

means for measuring at the mobile station a first parameter of a first signal transmitted by said first base station;

means for measuring at the mobile station a second parameter of a second signal transmitted by said second base station, ~~The apparatus as claimed in claim 17,~~ wherein said first and second parameters correspond to signal strength[.];

means for communicating a signal quality message from the mobile station through the first base station to said first mobile switching control station, when the first and second parameters reach a predetermined condition;

means for generating at the first mobile switching control station an Application Data Delivery Service (ADDS) message containing handoff data, the ADDS message being a type of tunneling mechanism which transparently passes within the CDMA system GSM parameters;

means for communicating the ADDS message from said first mobile switching control station to said mobile station;

means for generating at the mobile station a Mobile Application Protocol (MAP) message containing the handoff data; and

means for communicating the MAP message from the mobile station to the second mobile switching control station.

Claims 22-24. (Canceled)